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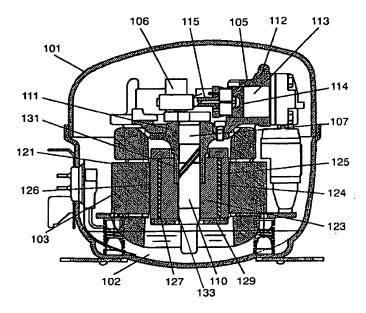
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### (54) Title: HERMETIC COMPRESSOR



(57) Abstract: A hermetic compressor has a bipolar permanent magnet motor where permanent magnet (124) is disposed in rotor core (123). Hollow bore (131) is disposed at the end on the compressing element (105) side of rotor core (123), and main bearing (111) extends into bore (131). The thickness of rotor core (123) is longer than that of stator core (126), thereby widening the magnetic path of rotor core (123). The magnetic flux amount generated in rotor core (123), which is conventionally insufficient due to existence of bore (131), increases, the loss decreases, and the efficiency increases.

